

Abstract of **WO2005095903**

The invention relates to a weight sensor comprising strain gauges which are deposited in thick films on a support (2). The support is made from an electrically-insulating material which is intended to be applied to a metallic body (1) that is essentially subject to bending. According to the invention, the support (2) comprises a ceramic material which has a Young's modulus E_2 that is equal to or less than that E_1 of the biased metallic body (1) and which is applied to the latter by means of gluing.